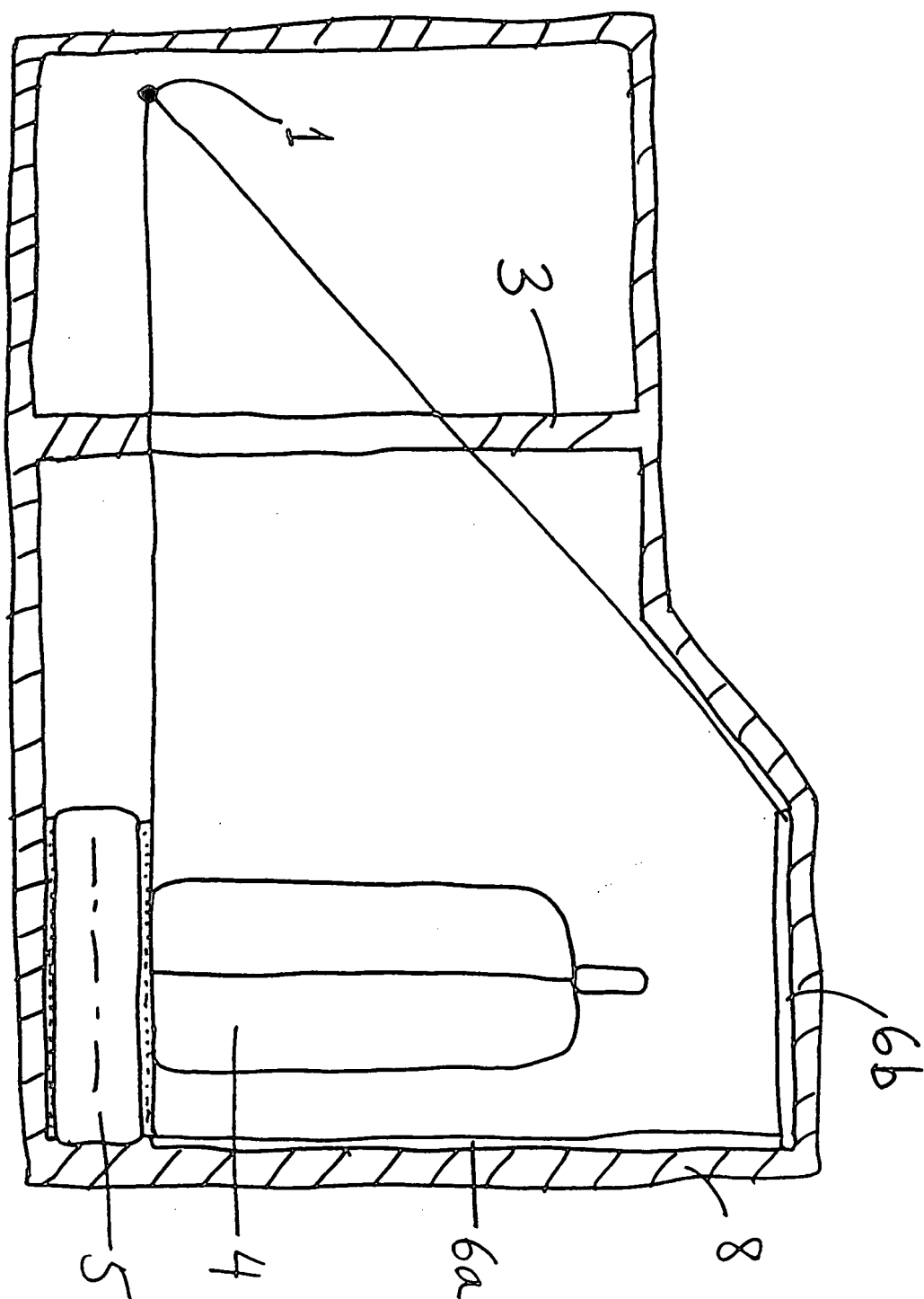


FIGURE 1



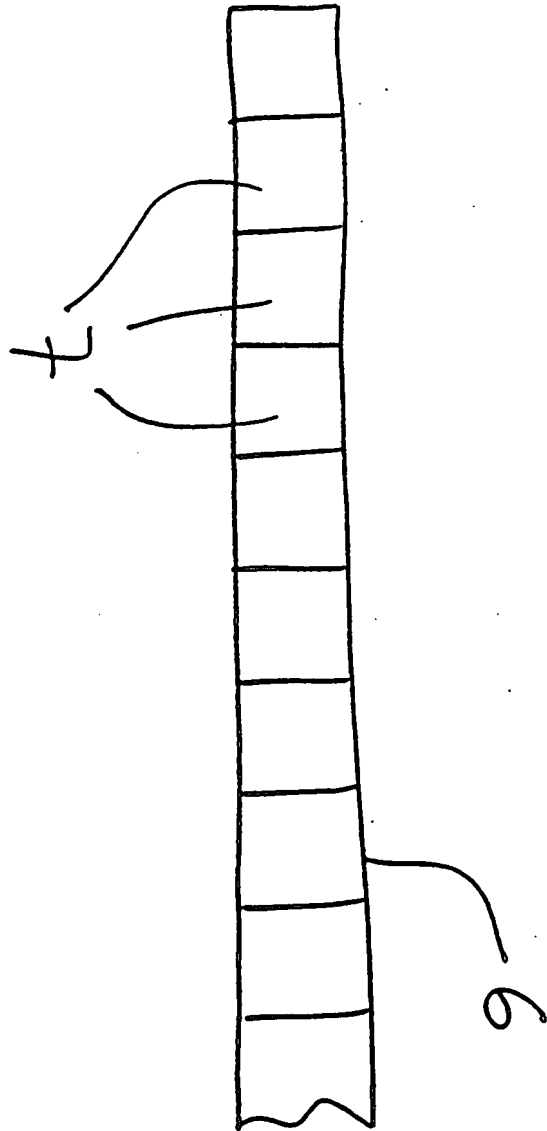


FIGURE 3

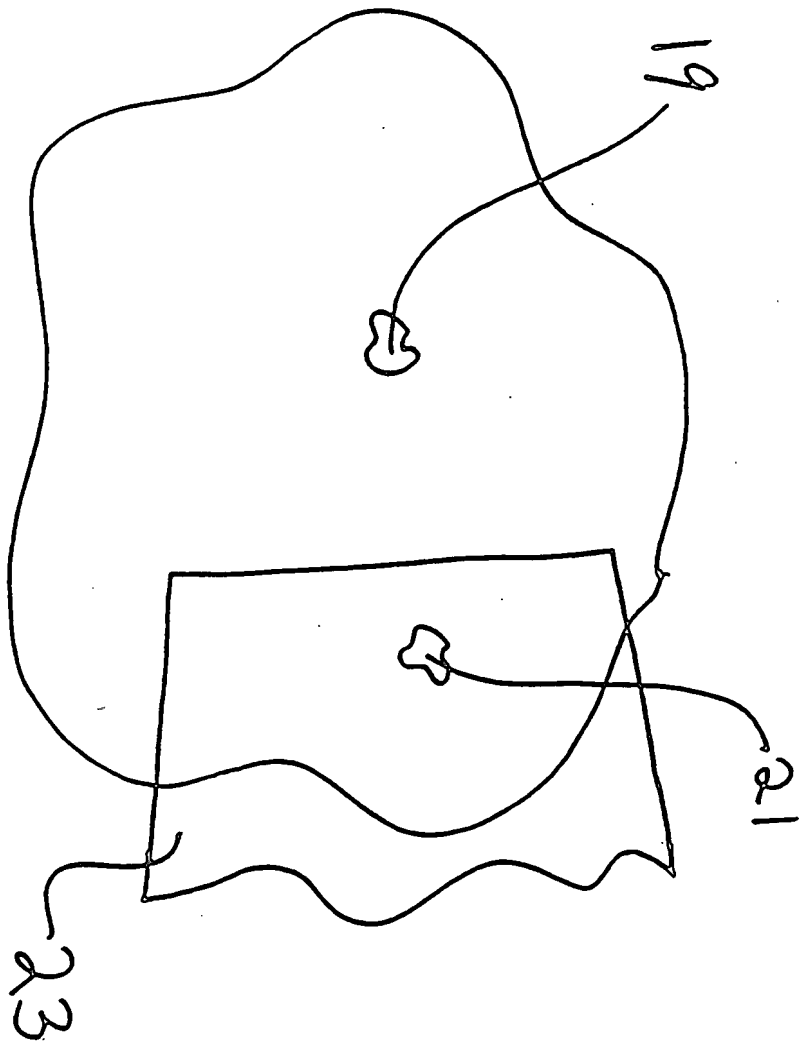


FIGURE 4

MAKE SURE  $H_T \geq H_B + \Delta H$

28 08/165737

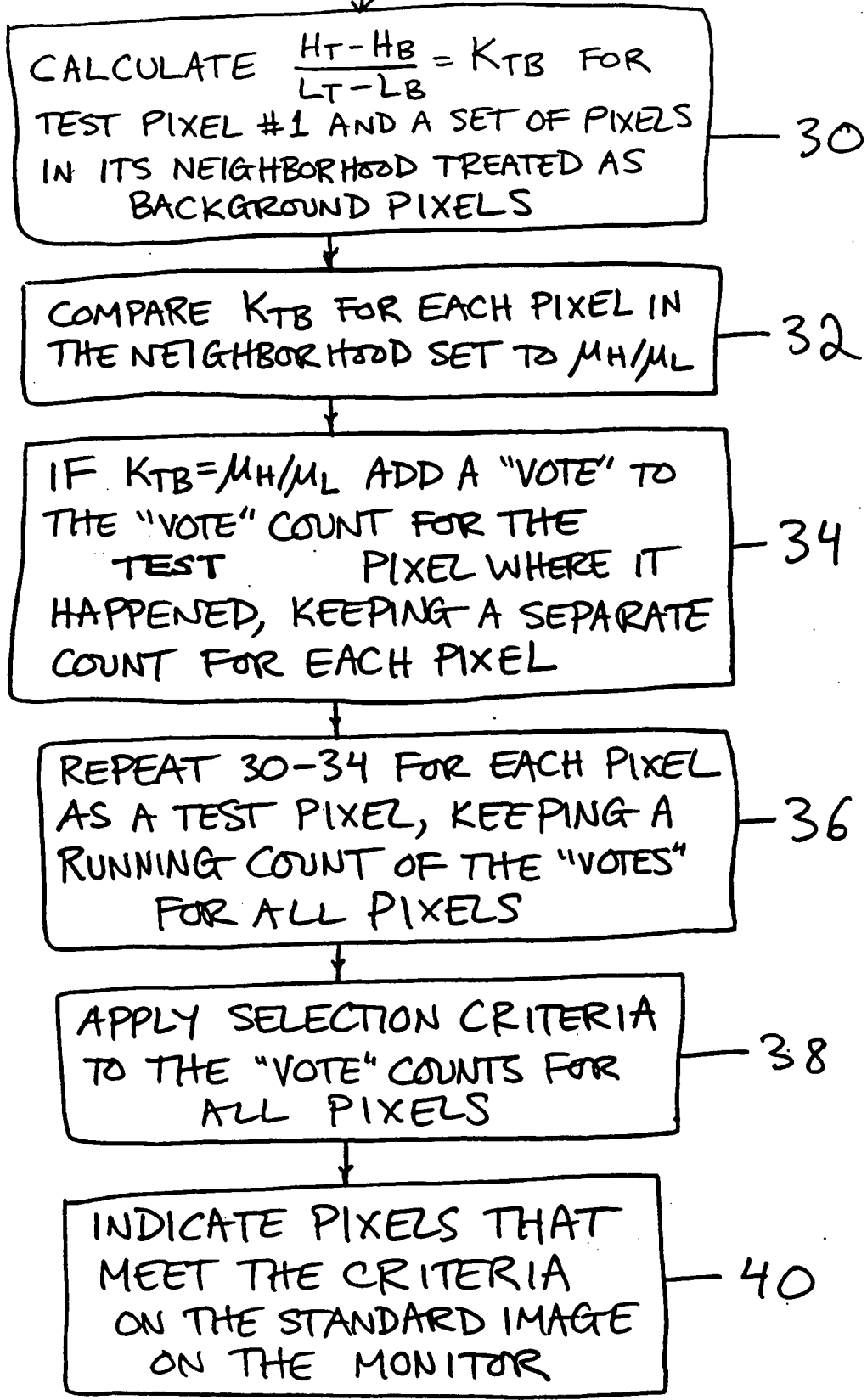


FIGURE 5

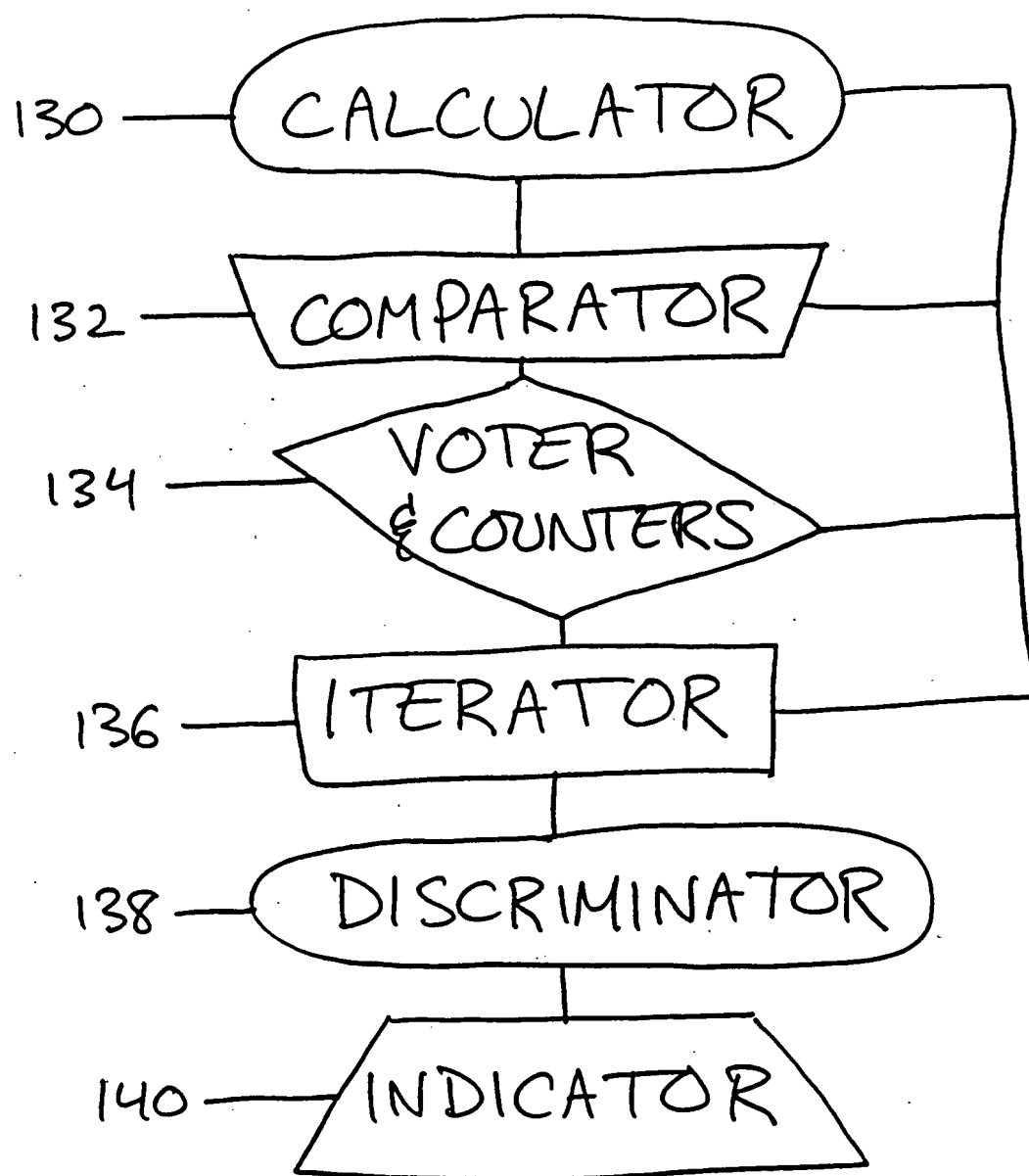


FIGURE 6

MAKE SURE  $H_T \geq H_B + \Delta H$

CALCULATE  $\frac{H_T - H_B}{L_T - L_B} = K_{TB}$  FOR

TEST PIXEL #1 AND A SET OF PIXELS  
IN ITS NEIGHBORHOOD TREATED AS  
BACKGROUND PIXELS

230

COMPARE  $K_{TB}$  FOR EACH PIXEL IN  
THE NEIGHBORHOOD SET TO A  
NUMBER FOUND IN THE LOOKUP TABLE  
AND ALSO ON THE PARTICULAR  
 $M + C(L_T, L_B) + M + C(H_T, H_B)$   
 $H$ 'S AND  $L$ 'S IN 230

232

IF  $K_{TB}$  EQUALS THE NUMBER IN 232  
ADD A "VOTE" TO THE "VOTE" COUNT  
FOR THE TEST PIXEL  
WHERE IT HAPPENED, KEEPING  
A SEPARATE COUNT FOR EACH PIXEL

234

REPEAT 230-234 FOR EACH PIXEL  
AS A TEST PIXEL, KEEPING A  
RUNNING COUNT OF THE "VOTES"  
FOR ALL PIXELS

236

APPLY SELECTION CRITERIA  
TO THE "VOTE" COUNTS FOR  
ALL PIXELS

238

INDICATE PIXELS THAT  
MEET THE CRITERIA ON THE  
STANDARD IMAGE ON THE MONITOR

240

FIGURE 7

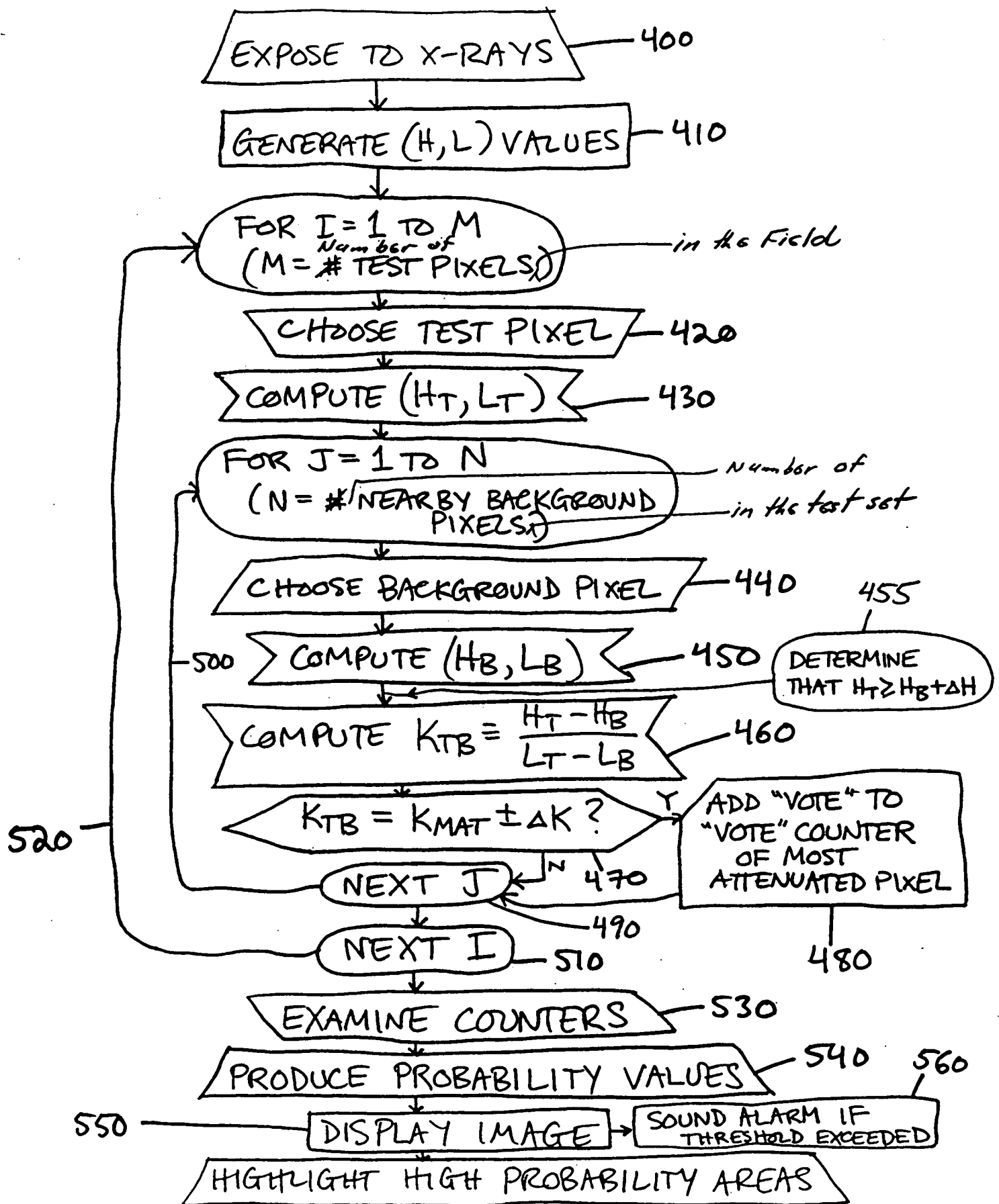
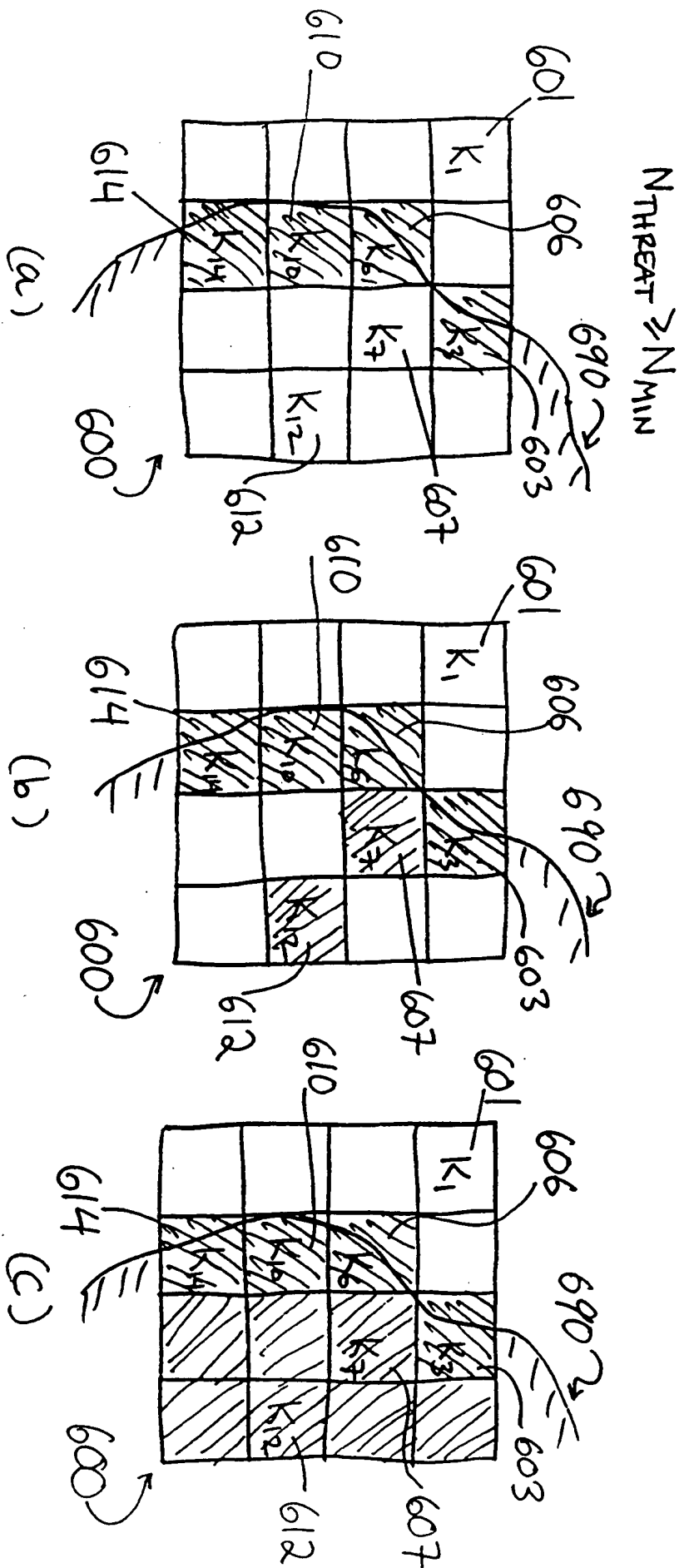


FIGURE 8

570





$$|k_1 - k_{AV}| > \Delta k$$

$$|k_7 - k_{AV}| \leq \Delta k$$

$$|k_{12} - k_{AV}| \leq \Delta k$$

FIGURE 9

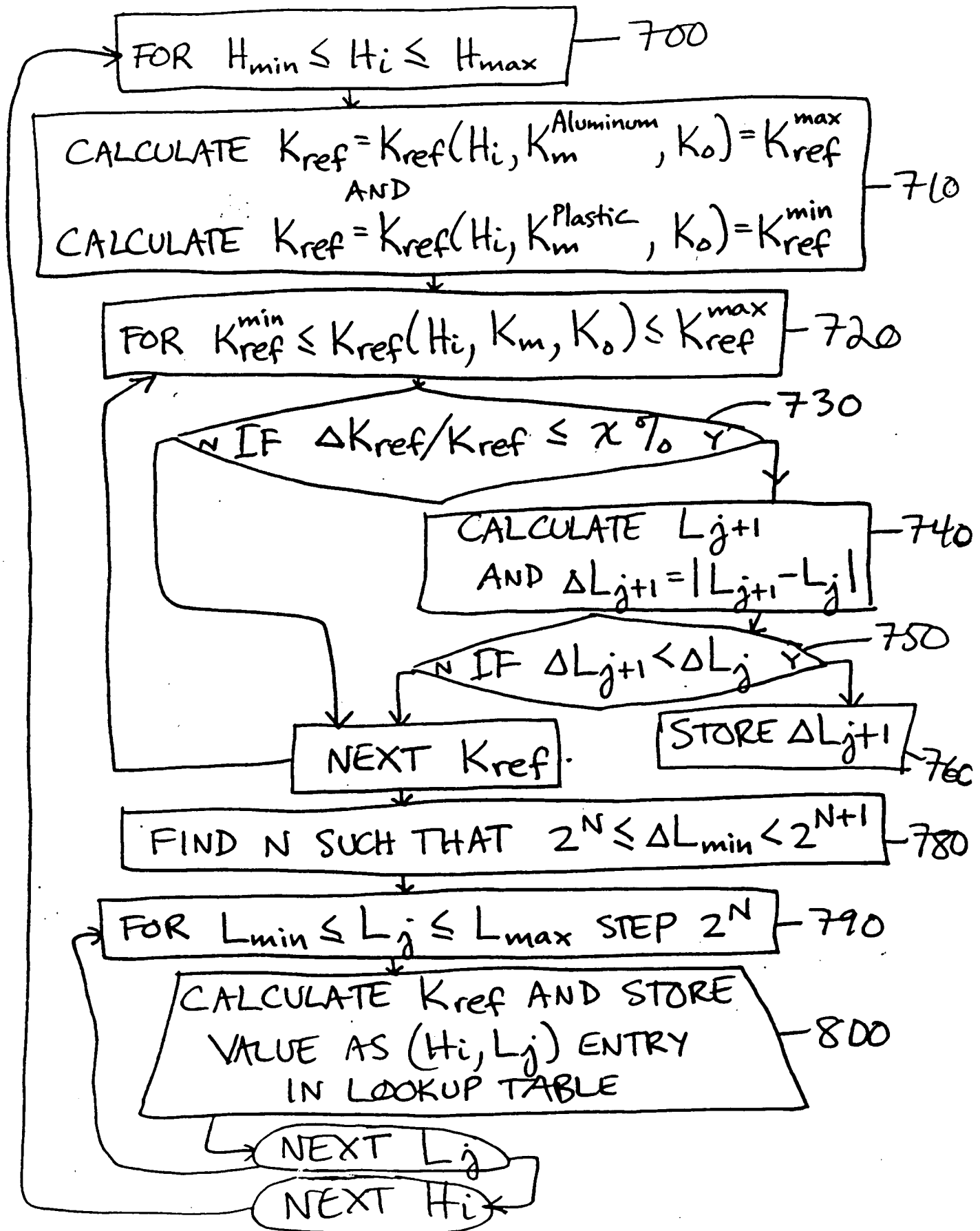


FIGURE 10

Fig 11

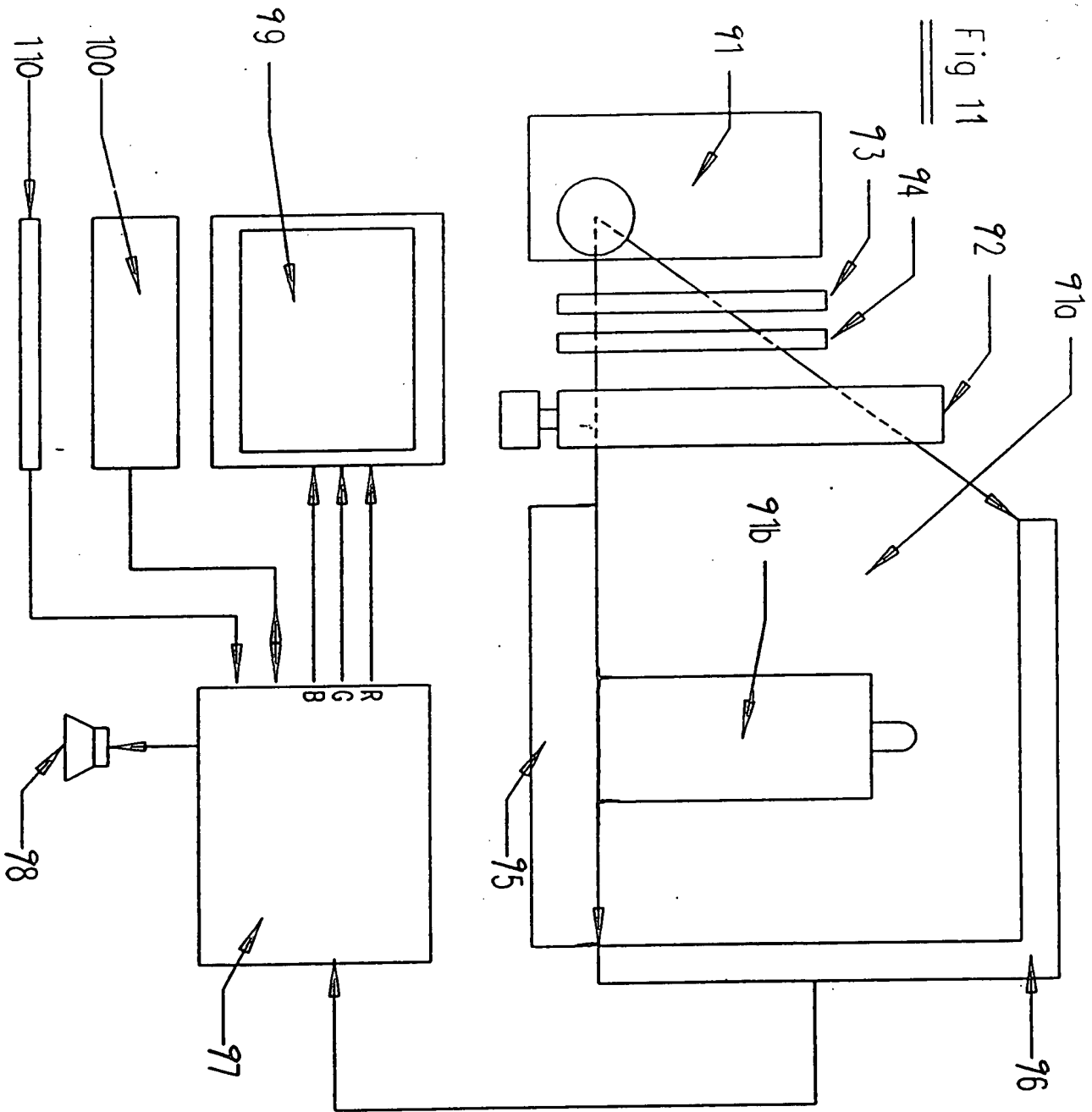


Fig12

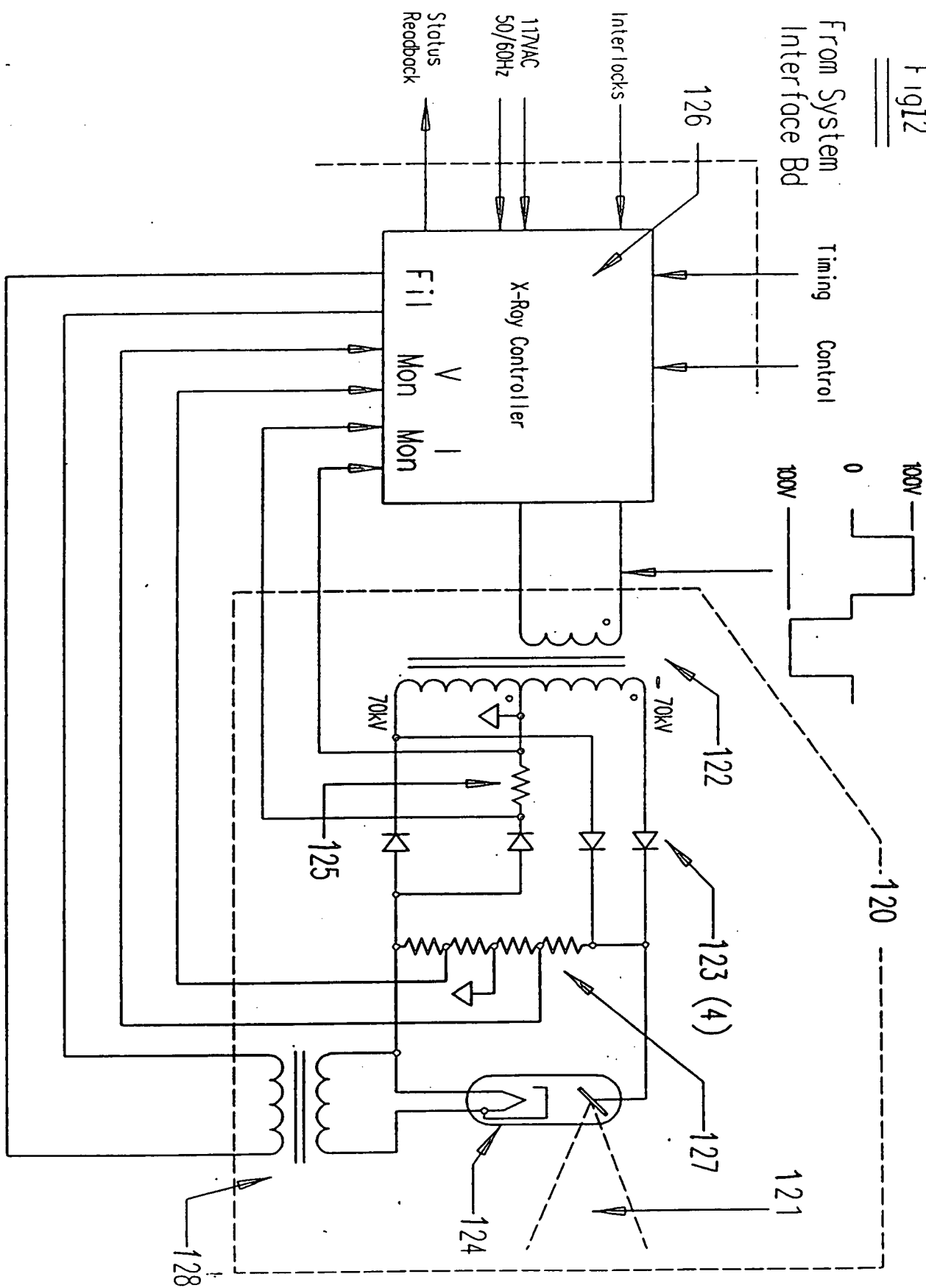
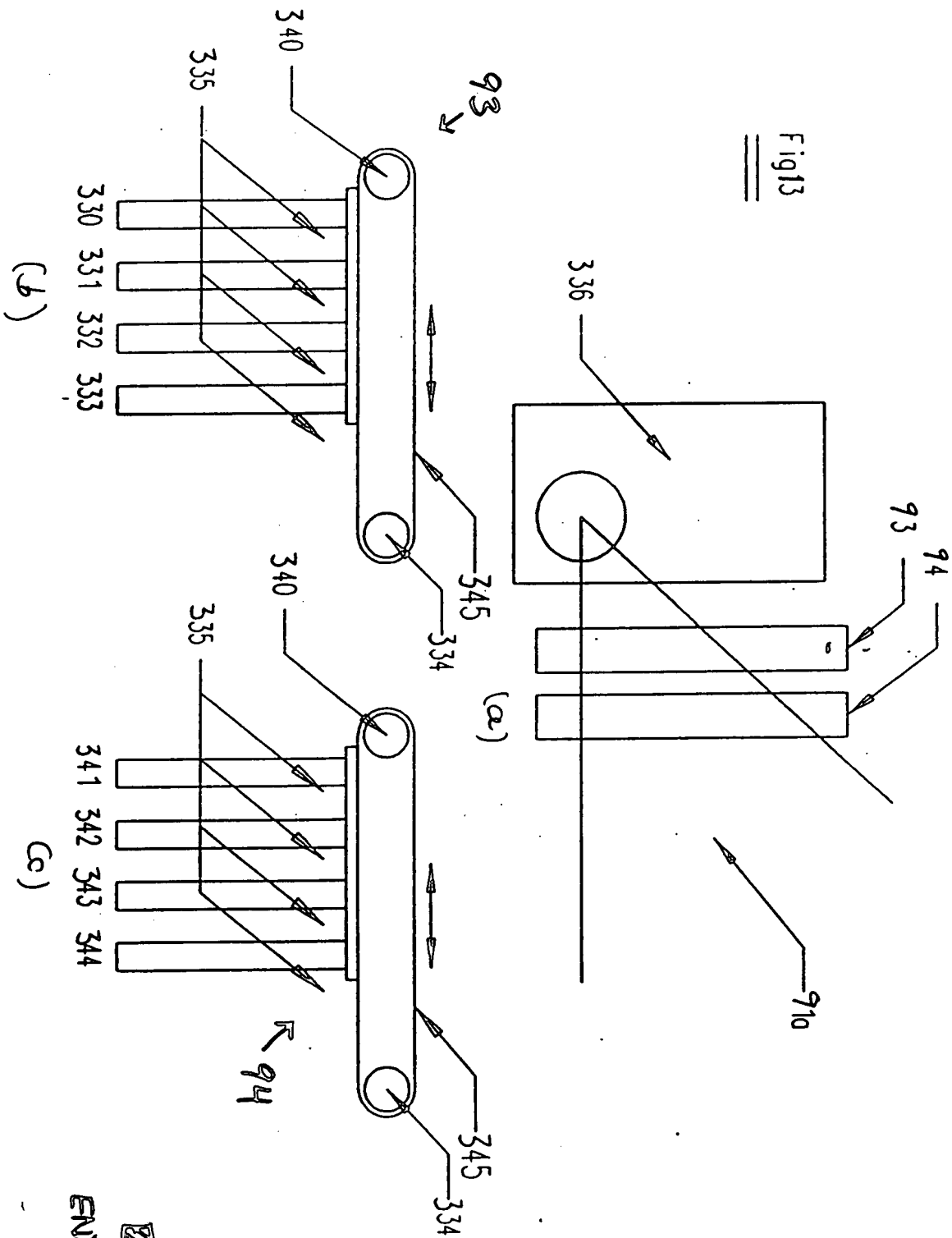


Fig 13



ENDWISE VIEW

(d)

FIG. 14

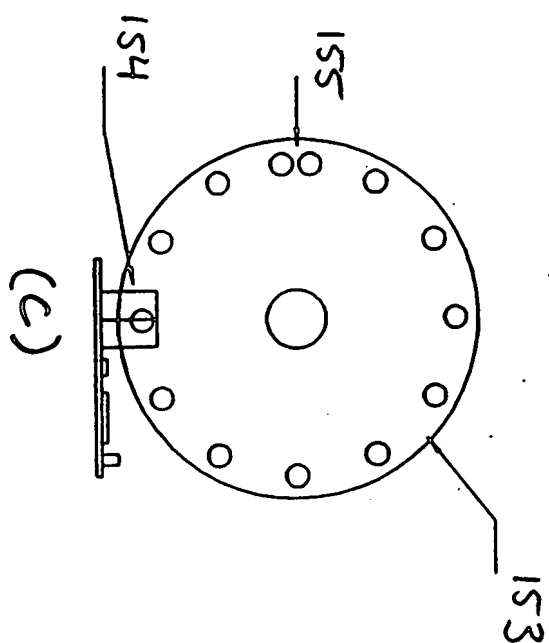
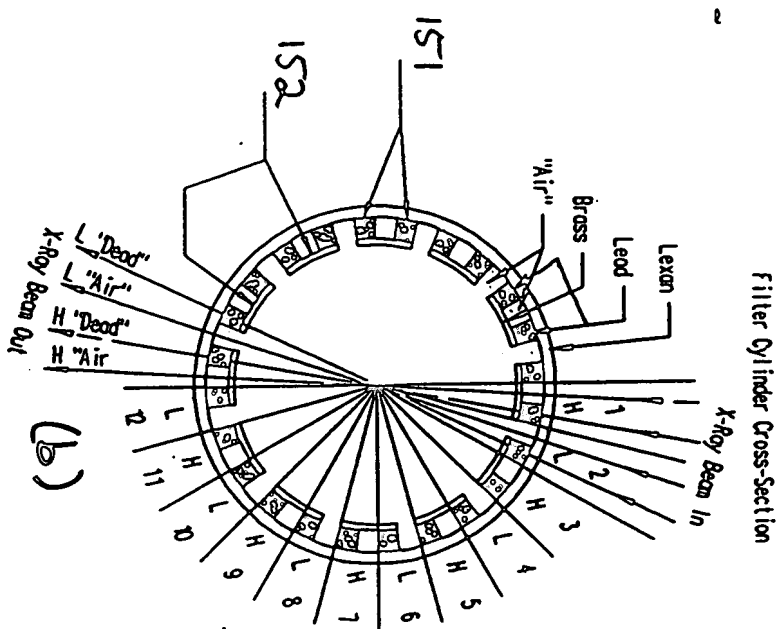
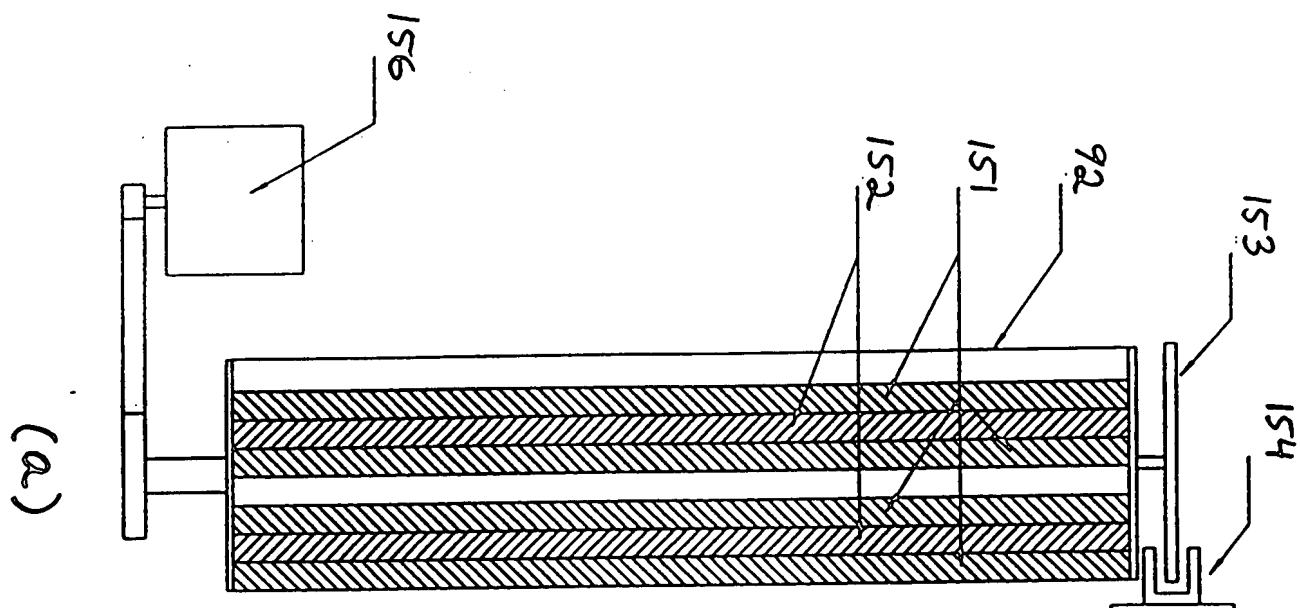


Fig 15

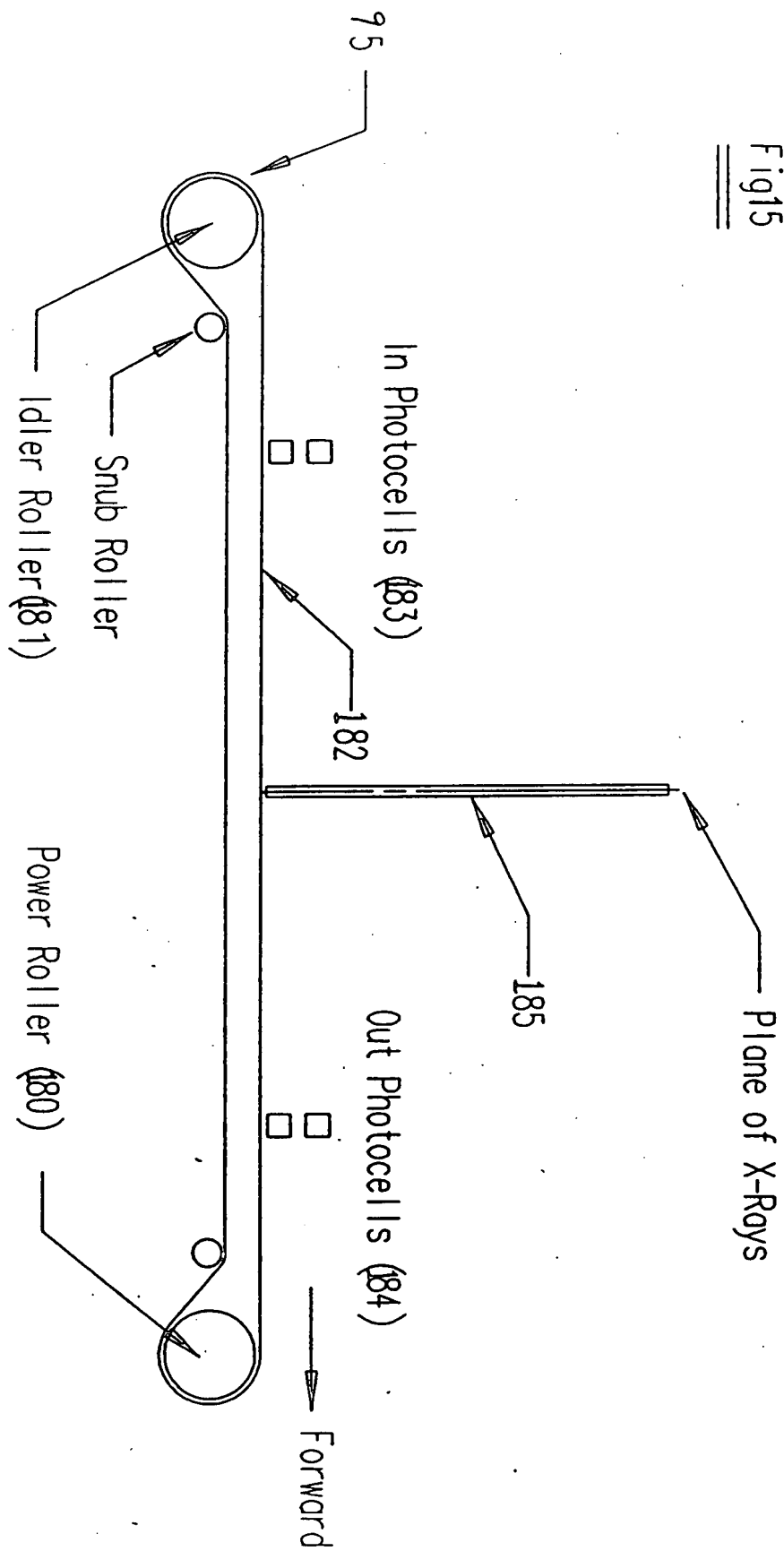
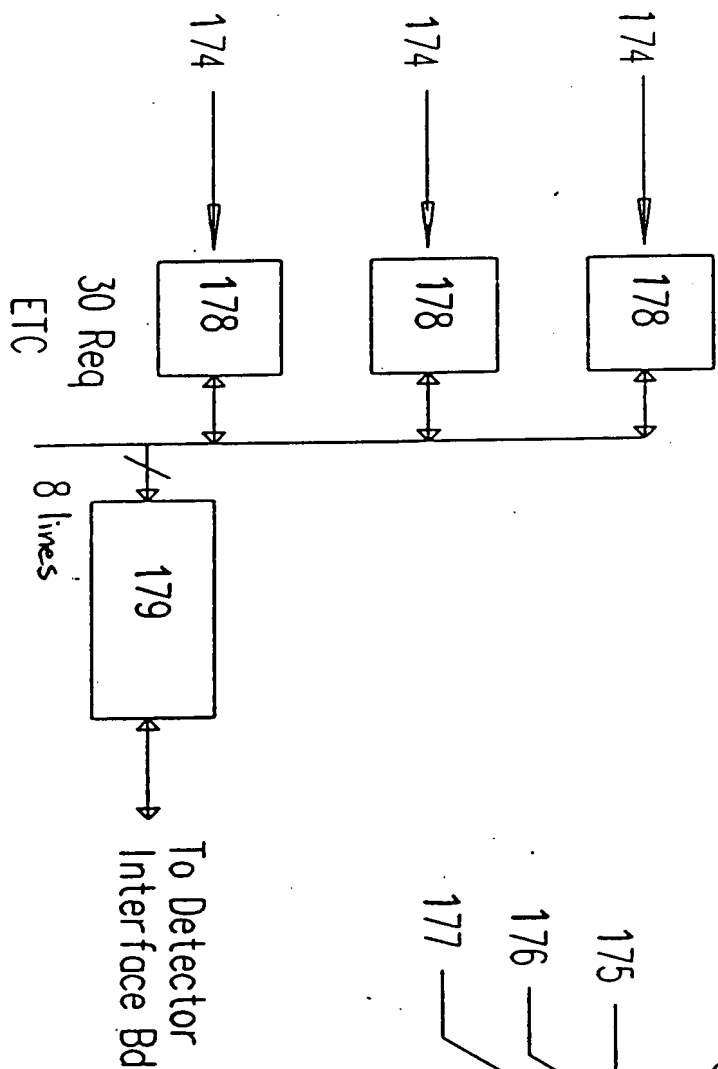
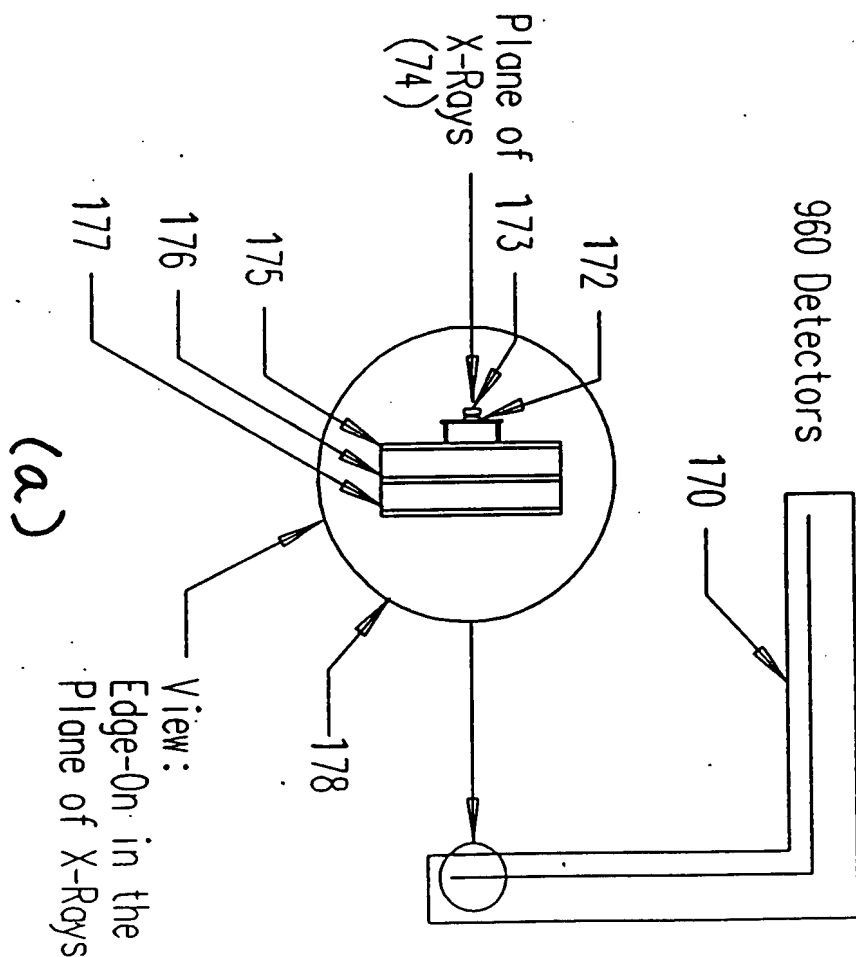


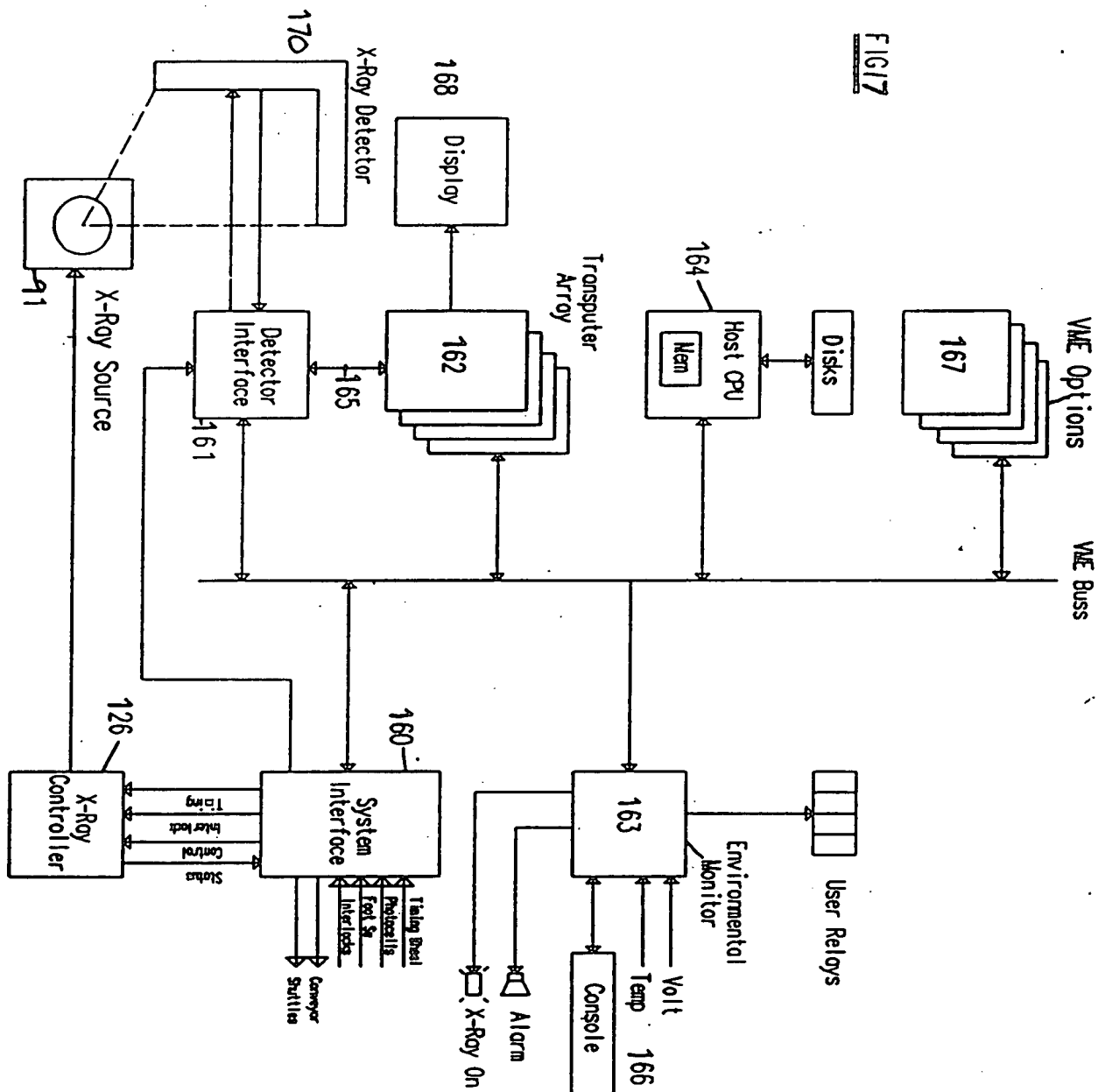
FIG 16



(b)



FIG 17



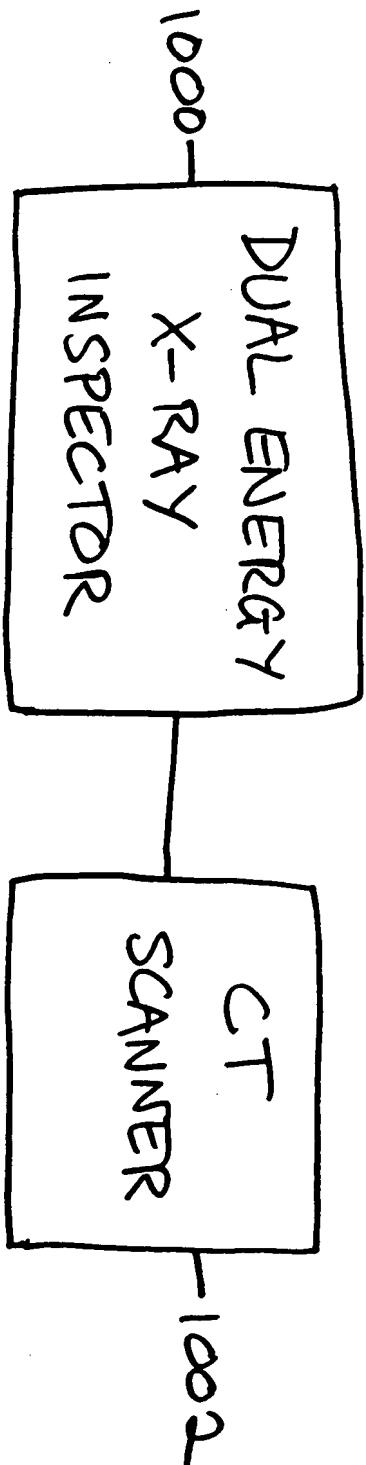


FIGURE 18a

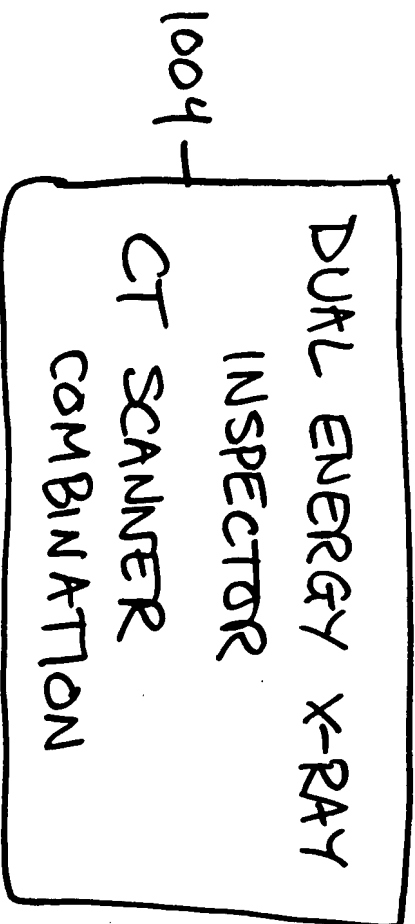


FIGURE 18b

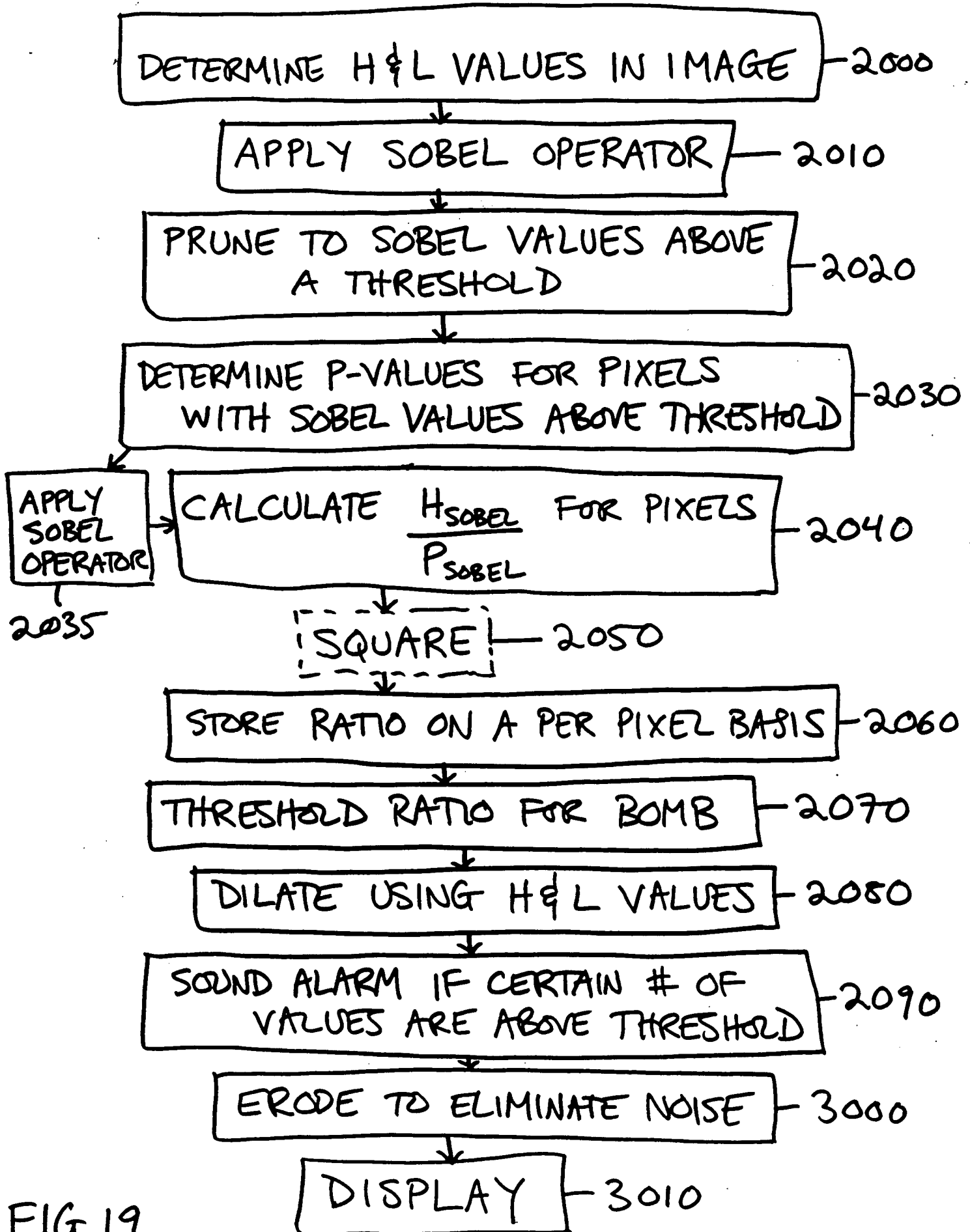


FIG. 19

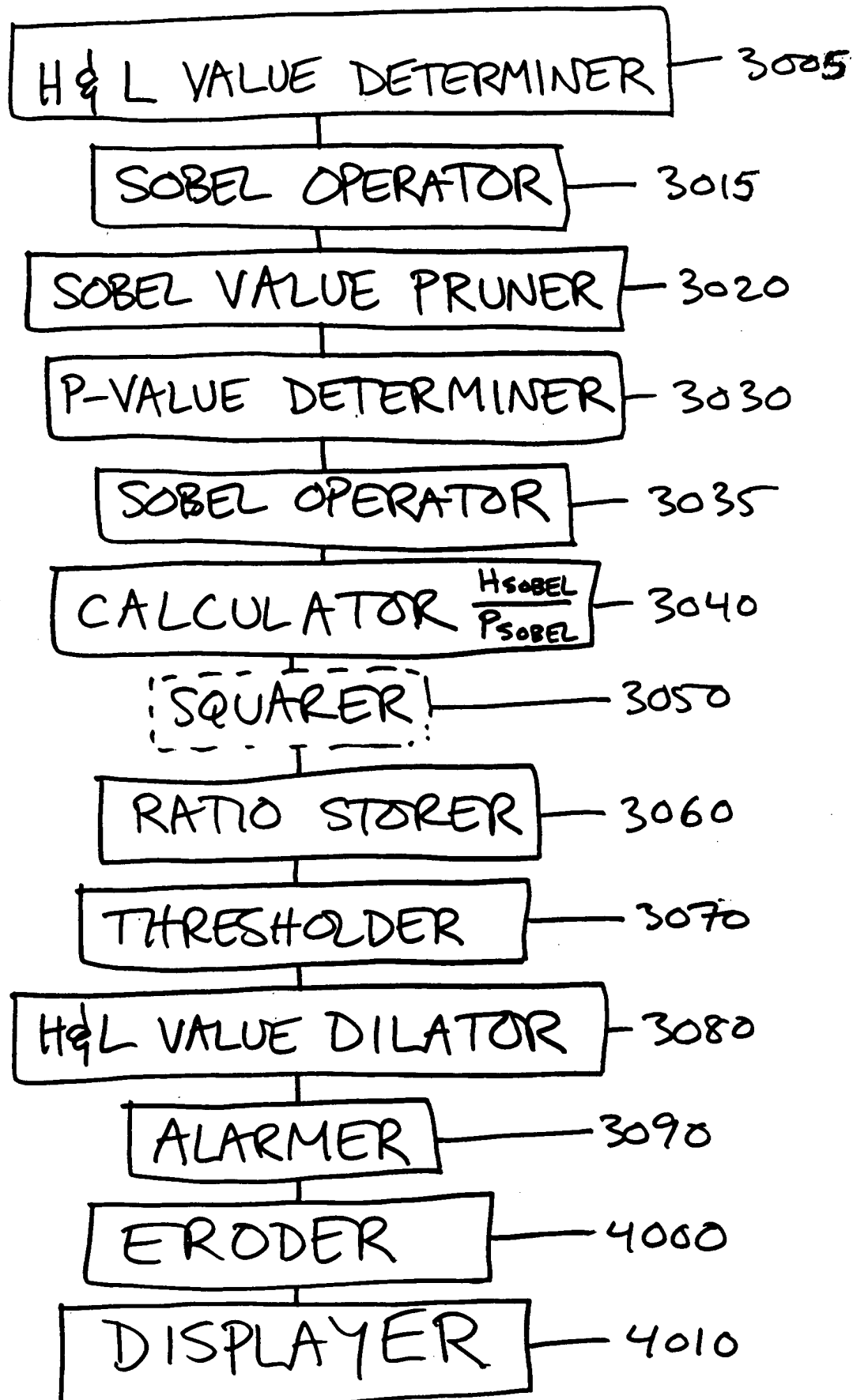


FIGURE 20